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REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	16-4-20

Technical Data

Material:

Pin(outer sleeve):Brass, machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated:2μm/80μmNi, 5μm/200μSn

Gold Plated:2μm/80μmNi, 0.8μm gold

Plating(Contact):2μm/80μmNi, gold or Tin plated

Insulator:PPS UL94V-0

Clip(Contact 4 Finger):Beryllium copper, heat treated

Electrical:

Current rating:3Amps/contact max.

Contact resistance:≤4mΩ/contact

Insulation resistance:≥1000MΩ at V=100V

Operating voltage:60VAC/DC

Mechanical:

Average Insertion force with steel pin of φ0.432:<270g

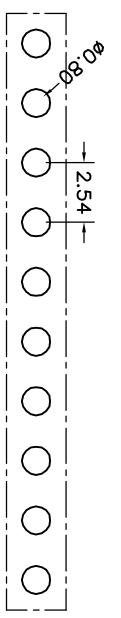
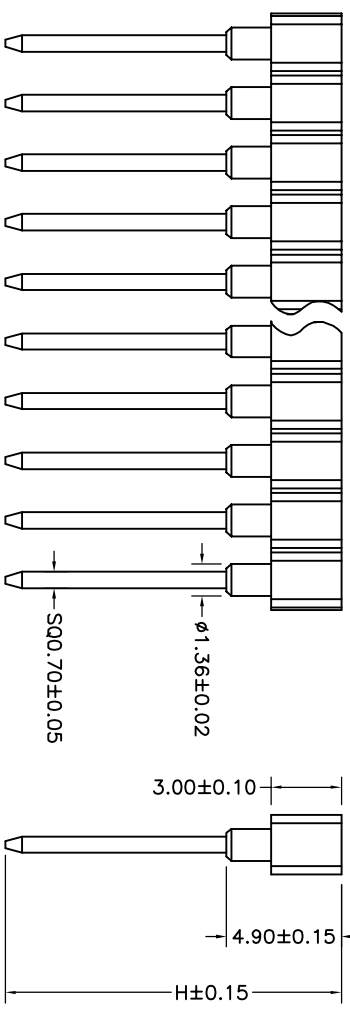
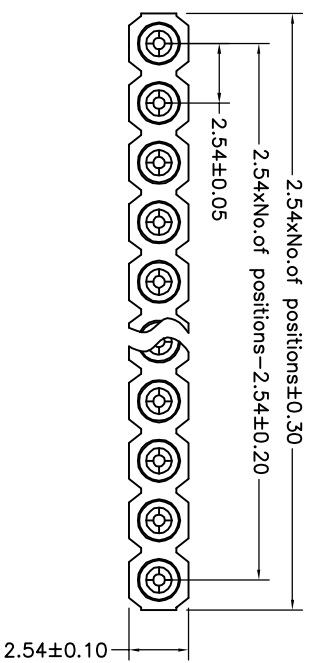
Average withdrawal force with steel pin of φ0.432:>90g

Mechanical life cycle:min 200

Operating temperature:-40°C to+105°C

Soldering temperature:+255°C

PART NO	Pin Length H
QZTD1-DXXXXXXXX1150B-1	11.50
QZTD1-DXXXXXXXX1430B	14.30
QZTD1-DXXXXXXXX1780B-1	17.80



P. C. B LAYOUT

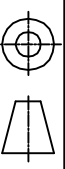
QZT1	X	X	X	XX	XX	XXXX	X
Pitch(mm) A=1.27 B=1.778 C=2.00 D=2.54	Insulator Type code 1-Single row 2-Double row 3-Three row	Angel Options D=180° R=90° S-SMT I=IC	No. of Positions XX positions	Pin plated T1=Tin 150u" T2=Tin 200u" G1=6/F G2=Gold 3u" G3=Gold 10u" G4=Gold 15u" G5=Gold 30u"	Clip plated T1=Tin 150u" T2=Tin 200u" G1=6/F G2=Gold 3u" G3=Gold 10u" G4=Gold 15u" G5=Gold 30u"	Pin Length Options L430=14.30mm	Specifications A=Public seat B=Female seat

QZtconn 启之泰 东莞市启之泰电子科技有限公司

TOLERAVCE

X. XXX	±0.05
X. XX	±0.15
X. X	±0.20
X.	±0.30
ANGLE	±5.0°

PROJECTION



DATE: 2016-4-20

DRAWN: TANG-S-G

CHECKED:

APPROVED:

TITLE:

Single row socket connector 2.54mm 针脚四方针

PART NO: QZTD1-DXXXXXXXXXB

DRAWING NO: 2016042004

REV: A0	UNIT: mm	SCALE: FULL	SIZE: A4
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